



## MONTGOMERY COUNTY FIRE AND RESCUE SERVICE DRIVER/OPERATOR TRAINING PROGRAM

# Practical Application Guide Sheet

### Aerial Ladder – Stokes Basket Lowering System

**Driver Performance Competency:** The student candidate will demonstrate their ability to effectively build a lowering system in use with the aerial device to facilitate lowering a patient from an elevated point of origin.

1. Identify tip loads and safe operating angles as it relates to the individual unit performing in this evolution \_\_\_\_\_
2. Effectively and safely transfer all equipment needed to perform the evolution to the aerial device \_\_\_\_\_
3. Raise the aerial device to the elevated point of origin extending and rotating the ladder perpendicular to the point of egress while remaining alert for dangling or falling debris and overhead obstructions \_\_\_\_\_
4. Identify two (2) anchor points at the tip of the aerial device then attach directional change devices using the appropriate methodology \_\_\_\_\_
5. Run the main line and the belay line through the directional change devices and secure the ends to the stokes basket utilizing the appropriate knots \_\_\_\_\_
6. Attach a third line to the stokes basket as a tag line utilizing the appropriate knot \_\_\_\_\_
7. After dropping the rope bags to the ground, construct two (2) in-line braking systems, one for the belay line and one for the main line. Utilize appropriate methodology including change of direction, proper hardware, knots and the appropriate number of personnel to accomplish the task \_\_\_\_\_
8. Extend, raise and rotate the aerial device away from the building smoothly while remaining alert for dangling or falling debris and overhead obstructions \_\_\_\_\_
9. Safely lower the basket with the appropriate number of personnel manning all lines (belay, main, and tag lines) \_\_\_\_\_